

First Named Component Leaching Index Values for CRP
Copper River Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
402	CHISTOCHINA	Chistochina silt loam, 0 to 7 percent slopes		3
403	COPPER RIVER	Copper River peat, 0 to 7 percent slopes		1
404	COPPER RIVER	Copper River peat, 2 to 7 percent slopes		1
405	COPPER RIVER	Copper River peat, 7 to 12 percent slopes		1
406	COPPER RIVER	Copper River peat, 12 to 20 percent slopes		1
407	KENNY LAKE	Kenny Lake silt loam, 0 to 2 percent slopes		1
408	KENNY LAKE	Kenny Lake silt loam, 2 to 7 percent slopes		1
409	KENNY LAKE	Kenny Lake silt loam, 7 to 12 percent slopes		1
410	KENNY LAKE	Kenny Lake silt loam, 12 to 20 percent slopes		1
411	CHITINA	Chitina silt loam, 0 to 2 percent slopes		3
412	CHITINA	Chitina silt loam, 2 to 7 percent slopes		3
413	CHITINA	Chitina silt loam, 7 to 12 percent slopes		3
414	CHITINA	Chitina silt loam, 12 to 20 percent slopes		3
415	TONSINA	Tonsina silt loam, 0 to 2 percent slopes		1
416	TONSINA	Tonsina silt loam, 2 to 7 percent slopes		1
417	TONSINA	Tonsina silt loam, 7 to 12 percent slopes		1
418	TONSINA	Tonsina silt loam, 12 to 20 percent slopes		1
419	COPPER RIVER	Copper River-Hanagita complex, 2 to 20 percent slopes		1
420	TONSINA	Tonsina-Hanagita complex, 2 to 20 percent slopes		1
425	DADINA	Dadina peat, 0 to 2 percent slopes		1
426	DADINA	Dadina-Klanelneechena complex, 0 to 2 percent slopes		1
427	DADINA	Dadina-Tolsona complex, 0 to 5 percent slopes		1
429	GULKANA	Gulkana silt loam, 0 to 2 percent slopes		1
430	GULKANA	Gulkana silt loam, 2 to 7 percent slopes		1
431	GULKANA	Gulkana silt loam, 7 to 12 percent slopes		1
432	GULKANA	Gulkana silt loam, 12 to 20 percent slopes		1
433	KLAWASI	Klawasi peat, 0 to 2 percent slopes		1
434	KLAWASI	Klawasi peat, 2 to 7 percent slopes		1
435	KLAWASI	Klawasi peat, 7 to 12 percent slopes		1
436	KLAWASI	Klawasi peat, cool, 0 to 7 percent slopes		1
437	KLAWASI	Klawasi peat, cool, 7 to 20 percent slopes		1
438	KLAWASI	Klawasi peat, depressional, 0 to 2 percent slopes		1
439	GAKONA	Gakona silt loam, cool, 0 to 7 percent slopes		2
440	GAKONA	Gakona silt loam, cool, 7 to 20 percent slopes		2
441	GAKONA	Gakona silt loam, 0 to 2 percent slopes		2
442	GAKONA	Gakona silt loam, 2 to 7 percent slopes		2
443	GAKONA	Gakona silt loam, 7 to 12 percent slopes		2
444	GAKONA	Gakona silt loam, 12 to 20 percent slopes		2
445	KLAWASI	Klawasi-Tolsona complex, 0 to 2 percent slopes		1
446	GAKONA	Gakona-Stuck complex, 0 to 2 percent slopes		2
447	GAKONA	Gakona-Chetaslina complex, 0 to 2 percent slopes		2
448	KLAWASI	Klawasi-Wrangell complex, 0 to 2 percent slopes		1
449	KLUTINA	Klutina-Klutina, rarely flooded, complex, 0 to 2 percent slopes		2
450	KLUTINA	Klutina silt loam, rarely flooded, 2 to 7 percent slopes		2
451	KLUTINA	Klutina-Nizina complex, 0 to 2 percent slopes		2
452	KUSLINA	Kuslina peat, 0 to 2 percent slopes		1
453	KUSLINA	Kuslina peat, 2 to 7 percent slopes		1
454	MENDELTONA	Mendeltona peat, 0 to 7 percent slopes		1
455	CHETASLINA	Chetaslina silt loam, 0 to 7 percent slopes		3

First Named Component Leaching Index Values for CRP
Copper River Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
456	CHETASLINA	Chetaslina silt loam, thin surface, 0 to 7 percent slopes		3
457	MENDELTONA	Mendeltona-Tebay complex, 0 to 10 percent slopes		1
458	NIZINA	Nizina-Nizina, rarely flooded, complex, 0 to 5 percent slopes		3
459	PIPPIN	Pippin silt loam, 0 to 12 percent slopes		2
460	PIPPIN	Pippin silt loam, 12 to 45 percent slopes		2
461	NIZINA	Riverwash-Nizina complex, 0 to 2 percent slopes		3
462	TARAL	Taral mucky silt loam, 20 to 45 percent slopes		1
463	TARAL	Taral-Hanagita complex, 12 to 35 percent slopes		2
464	STRELNA	Strelna-Hanagita-Copper River complex, 15 to 55 percent slopes		1
465	TEBAY	Tebay silt loam, 0 to 7 percent slopes		2
466	TEBAY	Tebay silt loam, 7 to 20 percent slopes		2
467	TEBAY	Tebay silt loam, thin surface, 0 to 7 percent slopes		3
468	TEBAY	Tebay silt loam, thin surface, 7 to 20 percent slopes		3
469	TOLSONA	Tolsona peat, 0 to 7 percent slopes		1
470	TOLSONA	Tolsona peat, 7 to 12 percent slopes		1
471	TSANA	Tsana silt loam, 0 to 7 percent slopes		2
472	TSANA	Tsana silt loam, thin surface, 0 to 7 percent slopes		2
473	TSANA	Tsana silt loam, thin surface, 7 to 20 percent slopes		2
474	TOLSONA	Tolsona-Klanelneechena complex, 0 to 7 percent slopes		1
475	WRANGELL	Wrangell peat, 0 to 2 percent slopes		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Copper River Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
402	Chistochina silt loam, 0 to 7 percent slopes		3
403	Copper River peat, 0 to 7 percent slopes		1
404	Copper River peat, 2 to 7 percent slopes		1
405	Copper River peat, 7 to 12 percent slopes		1
406	Copper River peat, 12 to 20 percent slopes		1
407	Kenny Lake silt loam, 0 to 2 percent slopes		1
408	Kenny Lake silt loam, 2 to 7 percent slopes		1
409	Kenny Lake silt loam, 7 to 12 percent slopes		1
410	Kenny Lake silt loam, 12 to 20 percent slopes		1
411	Chitina silt loam, 0 to 2 percent slopes		3
412	Chitina silt loam, 2 to 7 percent slopes		3
413	Chitina silt loam, 7 to 12 percent slopes		3
414	Chitina silt loam, 12 to 20 percent slopes		3
415	Tonsina silt loam, 0 to 2 percent slopes		1
416	Tonsina silt loam, 2 to 7 percent slopes		1
417	Tonsina silt loam, 7 to 12 percent slopes		1
418	Tonsina silt loam, 12 to 20 percent slopes		1
419	Copper River-Hanagita complex, 2 to 20 percent slopes		1
420	Tonsina-Hanagita complex, 2 to 20 percent slopes		1
425	Dadina peat, 0 to 2 percent slopes		1
426	Dadina-Klanelneechena complex, 0 to 2 percent slopes		1
427	Dadina-Tolsona complex, 0 to 5 percent slopes		1
429	Gulkana silt loam, 0 to 2 percent slopes		1
430	Gulkana silt loam, 2 to 7 percent slopes		1
431	Gulkana silt loam, 7 to 12 percent slopes		1
432	Gulkana silt loam, 12 to 20 percent slopes		1
433	Klawasi peat, 0 to 2 percent slopes		1
434	Klawasi peat, 2 to 7 percent slopes		1
435	Klawasi peat, 7 to 12 percent slopes		1
436	Klawasi peat, cool, 0 to 7 percent slopes		1
437	Klawasi peat, cool, 7 to 20 percent slopes		1
438	Klawasi peat, depressional, 0 to 2 percent slopes		1
439	Gakona silt loam, cool, 0 to 7 percent slopes		2
440	Gakona silt loam, cool, 7 to 20 percent slopes		2
441	Gakona silt loam, 0 to 2 percent slopes		2
442	Gakona silt loam, 2 to 7 percent slopes		2
443	Gakona silt loam, 7 to 12 percent slopes		2
444	Gakona silt loam, 12 to 20 percent slopes		2
445	Klawasi-Tolsona complex, 0 to 2 percent slopes		1
446	Gakona-Stuck complex, 0 to 2 percent slopes		2
447	Gakona-Chetaslina complex, 0 to 2 percent slopes		2
448	Klawasi-Wrangell complex, 0 to 2 percent slopes		1
449	Klutina-Klutina, rarely flooded, complex, 0 to 2 percent slopes		2
450	Klutina silt loam, rarely flooded, 2 to 7 percent slopes		2
451	Klutina-Nizina complex, 0 to 2 percent slopes		2
452	Kuslina peat, 0 to 2 percent slopes		1
453	Kuslina peat, 2 to 7 percent slopes		1
454	Mendeltna peat, 0 to 7 percent slopes		1
455	Chetaslina silt loam, 0 to 7 percent slopes		3
456	Chetaslina silt loam, thin surface, 0 to 7 percent slopes		3
457	Mendeltna-Tebay complex, 0 to 10 percent slopes		2
458	Nizina-Nizina, rarely flooded, complex, 0 to 5 percent slopes		3
459	Pippin silt loam, 0 to 12 percent slopes		2
460	Pippin silt loam, 12 to 45 percent slopes		2
461	Riverwash-Nizina complex, 0 to 2 percent slopes		3

Weighted Average Leaching Index Values for CRP
Copper River Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
462	Taral mucky silt loam, 20 to 45 percent slopes		1
463	Taral-Hanagita complex, 12 to 35 percent slopes		2
464	Strelna-Hanagita-Copper River complex, 15 to 55 percent slopes		1
465	Tebay silt loam, 0 to 7 percent slopes		2
466	Tebay silt loam, 7 to 20 percent slopes		2
467	Tebay silt loam, thin surface, 0 to 7 percent slopes		3
468	Tebay silt loam, thin surface, 7 to 20 percent slopes		3
469	Tolsona peat, 0 to 7 percent slopes		1
470	Tolsona peat, 7 to 12 percent slopes		1
471	Tsana silt loam, 0 to 7 percent slopes		2
472	Tsana silt loam, thin surface, 0 to 7 percent slopes		2
473	Tsana silt loam, thin surface, 7 to 20 percent slopes		2
474	Tolsona-Klanelneechena complex, 0 to 7 percent slopes		1
475	Wrangell peat, 0 to 2 percent slopes		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.